LaTeX packages

January 12, 2022

Contents

1 Section

Dummy text

1.1 Subsection

Dummy text

2 Another Section

Dummy text

This part can be used with package ‘amsmath’

$$f(x) = x^2$$

This part can be used with package ‘graphicx‘

Figure 1: LaTeX figure

For subfigures, package ‘subcaption‘ is needed

(a) 1 (b) 2

Figure 2: Two subfigures

3 Tables

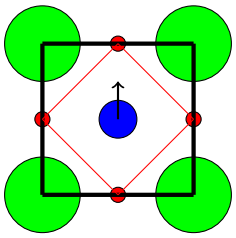
Normal table

A	B	C
L left	C center	R right
1	2	3

booktabs

A	B	C
L left	C center	R right
1	2	3

4 Drawing



These are citations[1] and Paul et al. ("Ferroelectric Phase Transitions in Ultrathin Films of $BaTiO_3$", p. 1) using biblatex.

[1] Nishimatsu et al., "Fast molecular-dynamics simulation for ferroelectric thin-film capacitors using a first-principles effective Hamiltonian", p. 2.

References

Nishimatsu et al.: Fast molecular-dynamics simulation for ferroelectric thin-film capacitors using a first-principles effective Hamiltonian PhysRevB.78.104104

Takeshi Nishimatsu et al. "Fast molecular-dynamics simulation for ferroelectric thin-film capacitors using a first-principles effective Hamiltonian". In: *Phys. Rev. B* 78 (10 2008), p. 104104. DOI: 10.1103/PhysRevB.78.104104. URL: https://link.aps.org/doi/10.1103/PhysRevB.78.104104.

Paul et al.: Ferroelectric Phase Transitions in Ultrathin Films of $BaTiO_3$ PhysRevLett.99.077601

Jaita Paul et al. "Ferroelectric Phase Transitions in Ultrathin Films of $BaTiO_3$". In: *Phys. Rev. Lett.* 99 (7 2007), p. 077601. DOI: 10.1103/PhysRevLett.99.077601. URL: https://link.aps.org/doi/10.1103/PhysRevLett.99.077601.